

THIRD-ORDER LEVELING
SEA LEVEL DATUM OF 1929

OWENSBORO QUADRANGLE
4 IND.-155 KY.
N3745-W8700/15
DIAGRAM NJ 16-8
EVANSVILLE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Spencer and Warrick Counties, IND.
Daviess County KY.

Only the permanent marks
are listed for lines
run more than 25 years
before edition date

Final adjustment of 1971

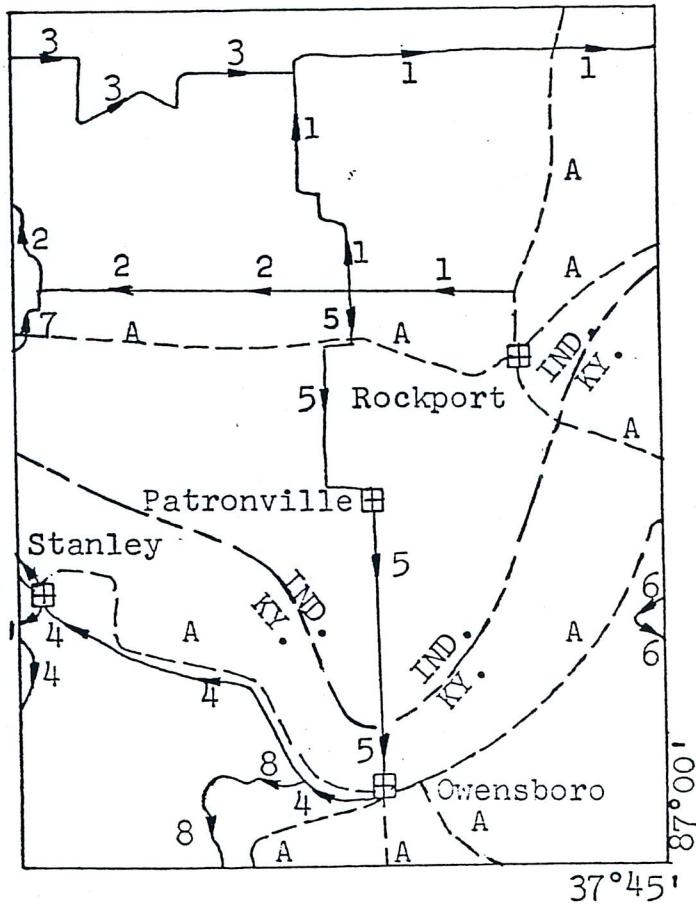
Edition of 8/31/71

PR: DSW/jyk

DEGONIA SPRINGS
(14)

NEWBURGH
(5 IND.-156 KY.)

TELL CITY
(3 IND.-154 KY.)



NGS (USC&GS) VERTICAL CONTROL DATA

A. Quadrangle 370871

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OWENSBORO
Book 8484

IND.-KY.

C. E. Cook

1900

Feet

ISOLATED BENCH MARKS ESTABLISHED PRIOR TO
1901 (By C. E. Cooke, 1900; Book 8484)

Maceo, 2.5 mi SW. of, 210 ft S. of railroad bridge
over Pup Creek; 20 ft W. of railroad crossing;
in Nat Young's field; iron post stamped
"391 VIN"

391.194

Owensboro, in SE. corner of courthouse square;
S. meridian mark on stone post; standard
tablet stamped "394 VIN" (Tied by USC&GS, 1953)

394.730

Owensboro, in NE. corner of courthouse yard; N.
meridian mark on stone post; standard tablet
stamped "396 LOUISVILLE" (Redetermined by Ohio
River Survey, USCE)

394.124

Stanley, 50 ft S. of railroad crossing, in SE.
corner of forks of rds.; iron post stamped
"385 VIN" (Reported destroyed, 1950)

385.951

Sorgho, W. end of, in SE. corner of forks of rd.;
iron post stamped "389 VIN"

389.842

Lake (Richland City), in cornerstone of I.O.O.F.
building; standard tablet stamped "393 VIN"

393.250

Richland City, 8.0 mi S. of, at NE. corner of
Mr. Cramer's storehouse; in foundation;
standard tablet stamped "381 VIN"

381.244

Africa, at E. entrance of Africa School; in stone
step; standard tablet stamped "388 VIN" (Reported
destroyed, 1952)

388.519

Rockport, at courthouse; on E. wall; 6.5 ft S.
of N. wall; in stone foundation; standard
tablet stamped "454 VIN"

454.427

Rock Hill, 330 ft N. of station; 14 ft W. of
Southern Railway track; in face of rock; standard
tablet stamped "393 VIN" (Reported destroyed, 1952)

393.360

LINE 1.

J. D. Nikolaus, 1950; Book AV 210 a

"X 58 1934" (USC&GS)

391.476

OWENSBORO
Book AV 210 a

IND.-KY.

J. D. Nikolaus

1950

FeetLINE 1 (Cont'd.)

Rockport, 2.0 mi N. of, along State Highway 66, thence 1.2 mi W. along graveled rd.; 29 ft S. and 26 ft W. of crossroads; 4 ft E. of power pole; in concrete post; standard tablet stamped "1 JDN 1950 389"	388.691
Reference mark; 48 ft N. of tablet; at NW. corner of W. headwall of concrete culvert; chiseled square	389.38
Rockport, 5.8 mi NW. of, 23 ft N. and 20 ft W. of crossroads; 4 ft W. of power pole; 3 ft SW. of corner fencepost; in concrete post; standard tablet stamped "2 JDN 1950 434"	433.852
Reference mark; 19 ft NW. of crossroads; 13 ft E. of tablet; at NW. corner of W. headwall to concrete culvert; chiseled square	434.88
Richland City, 2.5 mi SE. of, 16 ft W. of junction of T-rd. E.; 1 ft W. of edge of small bank; in concrete post; standard tablet stamped "3 JDN 1950 405"	404.767
Reference mark; 36 ft NE. of tablet; at center of N. headwall of concrete culvert; chiseled square	404.52
Richland City, 2.5 mi NE. of; 30 ft N. and 18 ft W. of crossroads; 11 ft W. of NW. corner of concrete bridge; 3 ft N. of telephone pole 78; in concrete post; standard tablet stamped "4 JDN 1950 389"	388.631
Reference mark; 26 ft E. of tablet; at NE. corner of E. headwall of small concrete bridge over drain; chiseled square	391.63
Richland City, 4.5 mi NE. of, 27 ft N. and 18 ft W. of junction of T-rd. W.; 10 ft NW. of W. end of pipe culvert; at SE. corner of cultivated field; in concrete post; standard tablet stamped "5 JDN 1950 388"	387.765
Reference mark; 26 ft E. of tablet; at E. end of concrete pipe culvert; chiseled square	386.49
Midway, 2.1 mi SE. of, along graveled rd.; 26 ft N. and 19 ft E. of junction of T-rd. N.; 12 ft N. of E. end of pipe culvert; 3 ft E. of shallow ditch; in concrete post; standard tablet stamped "6 JDN 1950 449"	448.922

OWENSBORO
Book AV 210 a

IND:-KY.

J. D. Nikolaus

LINE 1 (Cont'd.)

1950

Feet

Reference mark; 12 ft S. of tablet; at E. end of concrete pipe culvert; chiseled square	447.09
Chrisney, 3.5 mi SW. of; 24 ft S. and 22 ft W. of crossroads; 9 ft W. of power pole; in concrete post; standard tablet stamped "7 JDN 1950 452"	451.386
Reference mark, 284 ft W. of tablet; at center of S. headwall of concrete culvert; chiseled square	448.68
"V 58 1934" (USC&GS) (Reported destroyed, 1965)	414.428

LINE 2.

J. D. Nikolaus, 1950; Book AV 210 a

"2 JDN 1950 434" (Described in line 1)	433.862
Richland City, 2.1 mi S. of, along State Highway 161; 26 ft N. and 21 ft E. of crossroads; 6 ft NW. of corner fencepost; 2 ft W. of fenceline, in concrete post; standard tablet stamped "10 JDN 1950 393"	393.151
Richland City, 4.1 mi SW. of; 19 ft S. and 15 ft E. of crossroads; 3 ft S. of power pole; 1 ft W. of fenceline; in concrete post; standard tablet stamped "11 JDN 1950 388"	387.912
Richland City, 6.0 mi SW. of; 27 ft N. and 15 ft E. of junction of T-rd. E.; 6 ft NW. of SW. corner fencepost; 1 ft W. of fenceline; in concrete post; standard tablet stamped "12 JDN 1950 379"	379.524
Reference mark; 39 ft S. of tablet; on E. end of concrete pipe culvert; chiseled square	379.31

LINE 3.

J. D. Nikolaus, 1950; Book AV 210 a

Richland City, 6.6 mi NW. of; 58 ft SE. of center of triangle formed by rd. forks; 33 ft SW. of SW. corner of New Hope Church; 3 ft N. of corner fencepost; in concrete post; standard tablet stamped "15 JDN 1950 459"	459.098
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OWENSBORO
Book AV 210 a

IND.-KY.

J. D. Nikolaus

1950

LINE 3 (Cont'd.)Feet

Richland City, 3.5 mi NW. of; 17 ft N. and 18 ft W. of crossroads; 34 ft W. of power bracer pole; in SE. corner of cultivated field; in concrete post; standard tablet stamped "16 JDN 1950 379"	378.798
Reference mark; 118 ft S. of tablet; in center of W. headwall of concrete culvert; chiseled square	378.63
Richland City, 2.5 mi N. of, along State Highway 161; 30 ft N. and 24 ft E. of crossroads; 15 ft S. of telephone pole; 9 ft NW. of power bracer pole; in concrete post; standard tablet stamped "17 JDN 1950 388"	387.354
Reference mark; 17 ft SW. of tablet; at N. end of concrete pipe culvert; chiseled square	385.72
"5 JDN 1950 388" (Described in line 1)	387.765

LINE 4.

J. D. Nikolaus, 1950; Book AV 210 a

"R 72 1935" (USC&GS)	415.931
Owensboro, 1.6 mi W. of post office by way of Frederica Street N. for 3 blocks to U. S. Highway 60, thence W. along Highway 60 for 1.3 mi; 45 ft S. and 40 ft E. of junction of Highway 60 and State Highway 331 N.; 3 ft S. and 4 ft W. of fire hydrant; in concrete post; standard tablet stamped "18 JDN 1950 RESET 1954" (Tied by USC&GS, 1965)	401.280
Owensboro, 4.1 mi NW. of post office; 7 ft S. and 28 ft E. of Y-rd. forks; 22 ft NW. of NW. corner of shed; 8 ft SE. of telephone pole; 95 ft NE. of railroad crossing; in concrete post; standard tablet stamped "19 JDN 1950 392" (Tied by USC&GS, 1965)	391.607
Stanley, 3.4 mi SE. of, along graveled rd.; 22 ft S. and 30 ft W. of T-rd. S.; 38 ft NW. of railroad crossing; 16 ft NW. of power pole; in concrete post; standard tablet stamped "20 JDN 1950 382" (Reported not found, 1956)	381.645

OWENSBORO
Book AV 210 a

IND.-KY.

J. D. Nikolaus

1950

FeetLINE 4 (Cont'd.)

Stanley, 1.7 mi SE. of, along graveled rd.; 33 ft N. and 21 ft W. of crossroads; 30 ft SW. of railroad crossing; 18 ft NE. of signpost; in concrete post; standard tablet stamped "21 JDN 1950 386" (Tied by USC&GS, 1965)	385.839
Stanley, 44 ft W. of crossroads; 80 ft W. of SW. corner of W. R. Millay's store; 9 ft NE. of N. rail; in concrete post; standard tablet stamped "22 JDN 1950 388" (Tied by USC&GS, 1965)	388.195
Reference mark; 179 ft NW. of tablet; at NE. base of mail pick-up platform; copper nail and washer	388.62

LINE 5.

J. D. Nikolaus, 1950; Book AV 210 a

"2 JDN 1950 434" (Described in line 1)	433.860
Hatfield, 5.0 mi E. of, along State Highway 66; 42 ft N. of junction of T-rd. S.; 20 ft NE. of NE. corner of concrete culvert; 5 ft S. of fenceline; in concrete post; standard tablet stamped "25 JDN 1950 426" (Reported destroyed, 1964)	425.969
Reference mark; 54 ft SW. of T-rd. intersection; top of 4- by 4-in. concrete hwy. right-of-way post; chiseled square	424.26
Patronville, 2.5 mi NW. of; 29 ft N. and 24 ft W. of crossroads; 4 ft NW. of lone post; 5 ft NE. of corner fencepost; in concrete post; standard tablet stamped "26 JDN 1950 440"	440.494
Reference mark; 14 ft S. of tablet; at NE. end of N. headwall of concrete culvert; chiseled square	436.93
Patronville, 0.5 mi W. of, along graveled rd.; 27 ft N. and 30 ft W. of crossroads; 6 ft NW. of power pole; at SE. corner of field; in concrete post; standard tablet stamped "27 JDN 1950 401" (Reported not found, 1956)	400.907
Reference mark; 21 ft SE. of tablet; at N. end of concrete culvert; chiseled square	398.00

OWENSBORO
Book AV 210 a

IND.-KY.

J. D. Nikolaus

1950

FeetLINE 5 (Cont'd.)

Patronville, 1.6 mi S. of, along State Highway 75;
about 350 ft W. of church; 30 ft S. and 30 ft W.
of crossroads; 19 ft NW. of highway signpost; 15
ft SE. of guardpost; in concrete post; standard
tablet stamped "28 JDN 1950 404" (Reported
destroyed, 1956)

404.363

Reference mark; 56 ft NW. of tablet; at NE. corner
of S. end of L-shaped concrete culvert; chiseled
square

403.91

Patronville, 3.7 mi S. of, along State Highway 75;
30 ft S. and 30 ft W. of Y-rd. W.; 6 ft W. of
Stop signpost; 18 ft W. of W. edge of hwy.;
in concrete post; standard tablet stamped
"29 JDN 1950 389" (Reported not found, 1956)

389.070

Reference mark; 73 ft SE. of tablet; at N. end of
E. concrete gutter; chiseled square

387.72

LINE 6.

J. D. Nikolaus, 1950; Book AV 210 a

Thurston, 1.4 mi E. of; 13 ft S. and 71 ft E. of
crossroads; 16 ft NE. of center of graveled
rd.; 57 ft SE. of NE. corner of concrete bridge;
in concrete; USC&GS standard azimuth mark disk
stamped "PUP 1946"

393.115

LINE 7.

J. D. Nikolaus, 1950; Book AV 210 a

Yankeetown, 2.6 mi E. of, along State Highway 66;
17 ft S. and 35 ft E. of crossroads; 27 ft W.
of power pole; 6 ft E. of white guardpost; in
concrete post; standard tablet stamped
"47 JDN 1950 381"

381.302

"12 JDN 1950 379" (Described in line 2)

379.524

LINE 8.

J. D. Nikolaus, 1950; Book AV 210 a

"18 JDN 1950 401" (Described in line 4)

401.025

9

OWENSBORO
Book AV 210 a

IND.-KY.

J. D. Nikolaus

1950

LINE 8 (Cont'd.)Feet

Owensboro, 3.5 mi SW. of; 42 ft N. and 24 ft E. of crossroads; NE. of NE. corner of wooden bridge; 8 ft E. of power bracer pole; 3 ft S. of fenceline; in concrete post; standard tablet stamped "55 JDN 1950 397" (Reported destroyed, 1970)

397.033

Reference mark; 32 ft W. of tablet; in NW. concrete retaining wall of wooden bridge; chiseled square

395.43

LINE 9.

J. D. Nikolaus, 1950; Book AV 210 a

There are no permanent marks in this line in this quadrangle.

155 : KY

QUADRANGLE

.....FILED

1-7-87

NOTICE

FOR HORIZONTAL CONTROL
COMPUTER PRINT-OUT

SEE BOOK C5 618

Horizontal Accy Proj. 2 PROJECT
H.A.P.#2

COPY SUITABLE FOR XEROX

IS FILED IN

KY 157

QUAD.

NOTE: This is to be stapled to the inside front
cover of the horizontal control folder.

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

37-087-11
OWENSBORO QUADRANGLE
4 INDO-155 KY.
M3745-W3700/15
DIAGRAM MJ 16-8
EVANSVILLE

Spencer and Warrick Counties, Ind.;
Daviess County, Ky.

Edition of 2/2/77

PR: CRV/rmm

Plane coordinates are based on transverse Mercator
projection, Indiana, West Zone and Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch

DEGORIA SPRINGS
(14)

NEWSBURGH
(5 INDO-156 KY.)

Eureka

Rockport

TELL CITY
(3 INDO-154 KY.)

INDIANA
KENTUCKY

Owensboro

37°45'

SUTHERLAND
(131)

87°00'

DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

4 IMO.-155 KY.
OWENSBORO QUADRANGLE

37-087-11
#3745-18700/15

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NGS

V 58 1954	3
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STATION	DESCRIPTION	LATITUDE	LONGITUDE
	PLANE COORDINATES, FEET	° 11 *	° 11 *

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By H. P. Finch, 1950; Book AH 202

Chrisney, 1.7 mi S. of station, along Southern Railway; 22 ft NW. of center of graveled rd. crossing; 30 ft SW. of pole; 16 ft E. of SE. fence corner; 6 ft N. of crossing warning sign; about 1 ft higher than track; in concrete post; NGS standard disk stamped "V 58 1934" (Reported destroyed, 1965)

Xy. S.)	X = 1,628,615	Y = 605,195	37 59 18.84	87 02 16.94
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By A. Salloom, 1950; Book AH 202

Richland City, 6.0 mi SW. of; 27 ft N. and 15 ft E. of junction of T-rd. E.; 6 ft NW. of SW. corner fencepost; 1 ft W. of fenceline; in concrete post; standard tablet stamped "12 JDH 1950 379"

X = 1,567,453	Y = 583,085	37 55 31.36	87 14 58.40
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Yankeetown, 2.6 mi E. of, along State Highway 66; 17 ft S. and 35 ft E. of intersection of crossroads; 27 ft W. of power pole; 6 ft E. of white guardpost; in concrete post; standard tablet stamped "47 JDH 1950 381" (Reported destroyed, 1964)

X = 1,567,203	Y = 575,106	37 54 12.45	87 14 59.94
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Eureka; 16 ft S. and 14 ft E. of center of crossroads; 58 ft SE. of SE. corner of Portlock's Grocery Store; 53 ft NW. of N. corner of Jay's and Marle's Pool Room; in NW. corner of SE. headwall of concrete culvert; standard tablet stamped "T 53 AS 1950" (Reported destroyed, 1964)

X = 1,577,120	Y = 566,546	37 52 49.37	87 12 54.57
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Stanley; along Louisville and Nashville Railroad; 0.15 mi E. of crossing of U.S. Highway 60; 0.1 mi E. of milepost L 123; 10.5 ft N. of N. rail of main track; 24 ft S. of centerline of street parallel of track; 36 ft W. of centerline of street leading S. and crossing track; 179 ft E. of mail crane; 82 ft WSW. of and across street intersection from SW. corner of W. R. Millary's Store; about 1 ft above level of E.-W. street; in concrete post projecting 2 in.; standard tablet stamped "22 JDH 1950 386" (Not found, 1956)

X = 1,568,462	Y = 545,941	37 49 24.35	87 14 38.48
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STATE LINE COORDINATE LISTING FOR -
OHIO - KENTUCKY - WEST VIRGINIA - INDIANA
ARE FILED IN THE BACK OF THE KENTUCKY FILE.